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000043471 7590 06/15/2005

GENERAL INSTRUMENT CORPORATION DBA THE  
CONNECTED  
HOME SOLUTIONS BUSINESS OF MOTOROLA, INC.  
101 TOURNAMENT DRIVE  
HORSHAM, PA 19044

08/29/2005 HDEMSS2 00000081 502117 09845243

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Nanette Orr	(Depositor's name)
<i>Nanette Orr</i>	(Signature)
August 29, 2005	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/845,243	04/30/2001	David B. Bowler	2736.2009-000	2859

TITLE OF INVENTION: AC-COUPLED BURST MODE RECEIVER WITH WIDE DYNAMIC RANGE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	09/15/2005
EXAMINER	ART UNIT	CLASS-SUBCLASS			
SINGH, DALZID E	2633	398-202000			

I. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list  
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

## II. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Quantum Bridge Communications, Inc. Andover, MA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

## III. The following fee(s) are enclosed:

- ☒ Issue Fee  
☐ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies \_\_\_\_\_

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☐ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number 502117 (enclose an extra copy of this form).

## IV. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

*Lalita W. Pace*  
Lalita W. Pace

Date

8/23/05  
39,427

Registration No.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

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1303 E. Algonquin Rd.  
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**2** Number of Pages (Including this page)

**Date:** August 29, 2005

**To:** Mail Stop Issue Fee

**Location:** United States Patent and Trademark Office

**Fax No.:** 571-273-2885

**From:** Lalita W. Pace (Registration No. 39,427)

**Subject:** Serial No 09/845,243 - Bowler et al.

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**MESSAGE:**

Enclosed herewith, please find Part B – Issue Fee Transmittal Form for filing in the below-identified application.

**PLEASE GIVE THESE PAPERS TO:****Issue Fee Branch**

GROUP ART UNIT: 2633  
SERIAL NO.: 09/845,243  
FILED: 04/30/2001  
INVENTOR: David B. Bowler  
ATTORNEY DOCKET NO.: BCS03665